



Product Service

CERTIFICATE

No. B 110609 0002 Rev. 00

Holder of Certificate: **Mornsun Guangzhou Science & Technology Co., Ltd.**

No. 8, Nanyun Road 4
Huangpu District
510670 Guangzhou, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **AC-DC and DC-DC converters
(AC-DC converter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64210210089901

Valid until: 2026-05-10

Date, 2021-05-11

(Richard Zhu)



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Model(s): LMF200-20B05 series, LMF200-23B05 series,
LMF320-20B05 series, LMF320-20B12 series,
LMF320-20B15 series, LMF320-20B24 series,
LMF320-23B05 series, LMF320-23B12 series,
LMF320-23B15 series, LMF320-23B24 series,
LMF320-23B48 series, LMF320-20B48 series

Brand Name: MORNSUN

MORNSUN®

Parameters:

Rated Input: See below table for details
Rated Output: See below table for details
Protection Class: I
Degree of Protection: IPX0

Remark:

- The products are built-in type equipment, suitable enclosure should be provided by end system.

Tested according to: EN 62368-1:2014/A11:2017

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Model	Output voltage (V)	Output current (A)	Max. output power (W)	Rated input
LMF200-20B05 LMF200-20B05-C LMF200-20B05-Q LMF200-20B05-CQ LMF200-20B05-x LMF200-20B05-C-x LMF200-20B05-Q-x LMF200-20B05-CQ-x LMF200-20B05-xx LMF200-20B05-C-xx LMF200-20B05-Q-xx LMF200-20B05-CQ-xx LMF200-20B05-xxx LMF200-20B05-C-xxx LMF200-20B05-Q-xxx LMF200-20B05-CQ-xxx	5.0	40.0	200	100-240VAC, 50/60Hz, 3.0A
LMF320-20B05 LMF320-20B05-C LMF320-20B05-Q LMF320-20B05-CQ LMF320-20B05-x LMF320-20B05-C-x LMF320-20B05-Q-x LMF320-20B05-CQ-x LMF320-20B05-xx LMF320-20B05-C-xx LMF320-20B05-Q-xx LMF320-20B05-CQ-xx LMF320-20B05-xxx LMF320-20B05-C-xxx LMF320-20B05-Q-xxx LMF320-20B05-CQ-xxx	5.0	60.0	300	100-240VAC, 50/60Hz, 4.2A
LMF200-23B05 LMF200-23B05-C LMF200-23B05-Q LMF200-23B05-CQ LMF200-23B05-x LMF200-23B05-C-x LMF200-23B05-Q-x LMF200-23B05-CQ-x LMF200-23B05-xx LMF200-23B05-C-xx LMF200-23B05-Q-xx LMF200-23B05-CQ-xx LMF200-23B05-xxx LMF200-23B05-C-xxx LMF200-23B05-Q-xxx LMF200-23B05-CQ-xxx	5.0	40.0	200	100-277VAC, 50/60Hz, 3.0A



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LMF320-23B05 LMF320-23B05-C LMF320-23B05-Q LMF320-23B05-CQ LMF320-23B05-x LMF320-23B05-C-x LMF320-23B05-Q-x LMF320-23B05-CQ-x LMF320-23B05-xx LMF320-23B05-C-xx LMF320-23B05-Q-xx LMF320-23B05-CQ-xx LMF320-23B05-xxx LMF320-23B05-C-xxx LMF320-23B05-Q-xxx LMF320-23B05-CQ-xxx	5.0	60.0	300	100-277VAC, 50/60Hz, 4.2A
LMF320-20B12 LMF320-20B12-C LMF320-20B12-Q LMF320-20B12-CQ LMF320-20B12-x LMF320-20B12-C-x LMF320-20B12-Q-x LMF320-20B12-CQ-x LMF320-20B12-xx LMF320-20B12-C-xx LMF320-20B12-Q-xx LMF320-20B12-CQ-xx LMF320-20B12-xxx LMF320-20B12-C-xxx LMF320-20B12-Q-xxx LMF320-20B12-CQ-xxx	12.0	26.7	320.4	100-240VAC, 50/60Hz, 4.2A
LMF320-23B12 LMF320-23B12-C LMF320-23B12-Q LMF320-23B12-CQ LMF320-23B12-x LMF320-23B12-C-x LMF320-23B12-Q-x LMF320-23B12-CQ-x LMF320-23B12-xx LMF320-23B12-C-xx LMF320-23B12-Q-xx LMF320-23B12-CQ-xx LMF320-23B12-xxx LMF320-23B12-C-xxx LMF320-23B12-Q-xxx LMF320-23B12-CQ-xxx	12.0	26.7	320.4	100-277VAC, 50/60Hz, 4.2A

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LMF320-20B15 LMF320-20B15-C LMF320-20B15-Q LMF320-20B15-CQ LMF320-20B15-x LMF320-20B15-C-x LMF320-20B15-Q-x LMF320-20B15-CQ-x LMF320-20B15-xx LMF320-20B15-C-xx LMF320-20B15-Q-xx LMF320-20B15-CQ-xx LMF320-20B15-xxx LMF320-20B15-C-xxx LMF320-20B15-Q-xxx LMF320-20B15-CQ-xxx	15.0	21.4	321	100-240VAC, 50/60Hz, 4.2A
LMF320-23B15 LMF320-23B15-C LMF320-23B15-Q LMF320-23B15-CQ LMF320-23B15-x LMF320-23B15-C-x LMF320-23B15-Q-x LMF320-23B15-CQ-x LMF320-23B15-xx LMF320-23B15-C-xx LMF320-23B15-Q-xx LMF320-23B15-CQ-xx LMF320-23B15-xxx LMF320-23B15-C-xxx LMF320-23B15-Q-xxx LMF320-23B15-CQ-xxx	15.0	21.4	321	100-277VAC, 50/60Hz, 4.2A
LMF320-20B24 LMF320-20B24-C LMF320-20B24-Q LMF320-20B24-CQ LMF320-20B24-x LMF320-20B24-C-x LMF320-20B24-Q-x LMF320-20B24-CQ-x LMF320-20B24-xx LMF320-20B24-C-xx LMF320-20B24-Q-xx LMF320-20B24-CQ-xx LMF320-20B24-xxx LMF320-20B24-C-xxx LMF320-20B24-Q-xxx LMF320-20B24-CQ-xxx	24.0	13.4	321.6	100-240VAC, 50/60Hz, 4.2A

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LMF320-23B24 LMF320-23B24-C LMF320-23B24-Q LMF320-23B24-CQ LMF320-23B24-x LMF320-23B24-C-x LMF320-23B24-Q-x LMF320-23B24-CQ-x LMF320-23B24-xx LMF320-23B24-C-xx LMF320-23B24-Q-xx LMF320-23B24-CQ-xx LMF320-23B24-xxx LMF320-23B24-C-xxx LMF320-23B24-Q-xxx LMF320-23B24-CQ-xxx	24.0	13.4	321.6	100-277VAC, 50/60Hz, 4.2A
LMF320-20B48 LMF320-20B48-C LMF320-20B48-Q LMF320-20B48-CQ LMF320-20B48-x LMF320-20B48-C-x LMF320-20B48-Q-x LMF320-20B48-CQ-x LMF320-20B48-xx LMF320-20B48-C-xx LMF320-20B48-Q-xx LMF320-20B48-CQ-xx LMF320-20B48-xxx LMF320-20B48-C-xxx LMF320-20B48-Q-xxx LMF320-20B48-CQ-xxx	48.0	6.7	321.6	100-240VAC, 50/60Hz, 4.2A
LMF320-23B48 LMF320-23B48-C LMF320-23B48-Q LMF320-23B48-CQ LMF320-23B48-x LMF320-23B48-C-x LMF320-23B48-Q-x LMF320-23B48-CQ-x LMF320-23B48-xx LMF320-23B48-C-xx LMF320-23B48-Q-xx LMF320-23B48-CQ-xx LMF320-23B48-xxx LMF320-23B48-C-xxx LMF320-23B48-Q-xxx LMF320-23B48-CQ-xxx	48.0	6.7	321.6	100-277VAC, 50/60Hz, 4.2A
Remark: x=0-9, A-Z stands for different marketing purpose.				